Original/Duplicate/Triplicate
CONTRACT CERTIFICATE,
(For Other Works)

No..... Date..... 2020

Dr. Chief: BBMP / YNK Division: Yelahanka Sub – Division.

Bill Received No. YNK-DBR No. 184 Dated 30.12.2020 Sub Divisional Cash Book Voucher No. Dated

A.E.E. S.B.R. No: 47/20-21 DATE: 19/12/2020

Schedule Docket No. Head of Account Sub Divisional **Work Code: 002-20-000058.**

Est.Cost: **10.00** Lakhs B.R No. :

Name of Work: Providing and Supplying drinking water facility in chowdeshwari ward no -02 of yelahanka Sub division/.

P-3293

Name of Contractor and Full Address: **Sri N Thirunagendra, No 184, Besthara Bheedhi, Yelahanka old town Bangalore – 560064.**

Reference to Agreement No. EE(YNK.D)E-PMT-16 /W.O/ 13 /2020-21 Date: 14-05-2020

Certified that the measurements were taken by me on 3/8/2020 and recorded of Pages 495027 To 495056 of measurement **Book No** 4957 and that the work is satisfactorily executed.

N Thirunagendra
Contractor

Officer-in-charge of work

Certified that the measurement were taken by me on 8/9/2020 and found correct. The work is satisfactorily executed.

Certified that the quantities of materials shown in column 3 of Account have been actually brought to site of the work and the contractor has not previously received any advance on this security. These materials are of and imperishable nature and are all required for immediate use on the work in connection with items for finished work have been agreed upon. A normal agreement signed and executed by the contractor is recorded in the office.

Sub-Division Officer

II Memorandum of Payment

Asst. Executive Engineer
Yelahanka Sub Division
(BBMP Ynk. Zn)
Yelahanka, Bangalore

1) Total value of work done or supplies made as per account within — Gross Amt =Rs 925072=00
2) Deduct amount to be held in reserve being .....percent Rs.....
3) " Balance
4) Deduct Payment:
   a) Amount of previous payment as in the Office Cash Book Voucher No.....Dated.....S.D. No EOT 28 day's adjusted towards cash advance recovery of
   b) Payments Now made } cost store or other material supplied. / recovery of amount creditable to this/other work / Amount paid on this bill Cheque / Cash.
5) Balance being unpaid value of work done held in reserve.
6) Deduct cash advance made on the Office cash Book Voucher No..... dated.....less adjustments.
7) Net amount due to or from Contractor unadjustments items.
8) Advance to Contractor for materials brought to site (as detailed) within.
9) Value of Government materials supplied.

Amount	
PSD	fine 700=00
CGST	= Rs 8250=00
SGST	= Rs 8260=00
IT	= Rs 9251=00
LC	= 9251=00
CEP	= Rs 926=00.
Royalty	=Rs 7234=00
T.D.	= Rs 44808=00

Total amount adjusted - Rs 880264=00

N. Thirunagendra
Contractor's Signature

Received Rs..... (in words).....

.....

by cash and by adjustment of Payment as per memorandum

(in final settlement of all demands)

Witness
1.
2.

Dated Signature of Contractor

Paid by me by Cheque No.....Dated.....

Cash Rs.....

Dated.....

Initial of Officer making payment

(For use in the Office)

Audited & Admitted for Rs. 925072=00

nine lakh twenty five thund zero Seventy two only.

880264=00 by Cheque

and Rs. 44808=00 by adjustment

Accts. Supdt. Yelahanka Sub Division BBMP

Executive Engineer Yelahanka Sub Division

sl no	Description of work	Unit
1	Geophysical investigation of site for sinking Borewell for supplying drinking water to the habitation either through the Hand pump, MWS of P W S S by vertical electrical sounding by adopting Venner or Schlumberger's method, including reconnaissance survey of geological formation, Gerophysical investigation of existing Ground Wate in the vicinity, its qualityf 1 0 meter in consolidated formation for proper seating of casing pipe, depth of drilling required to cover full depth of aquifer proposed to be tapped, probable yield and other information required including transportation of instrument and accessories to work site , engaging techinical personal and labour required etc., as per Specification and direction	Nos
2	Sinking borewell of 165 mm dia clear using super fast hydraulic rig of capacity 250 PSIG & above CFM & above in all strats including over burden upto 20 mts fixing of casing pipes, collars and cap with necessary cutting, throading and welding including transportation of rig and supporing vehicles, crew charges and cost of consumables etc , complete including yield testing at the final depth with a minimum working of compressor for one hour (excluding cost of casing pipes, collars, cap etc)	Mtr
3	50-100 00mtr	Mtr
4	100-150 00mtr	Mtr
5	150-200 00mtr	Mtr
6	200-250 00mtr	Mtr
7	250-300 00mtr	Mtr
8	300 to 350 m	Mtr
9	Supply of ISI mark 175 mm nominal bore medium black ERW casing pipe of 5 mm thick black electric resistance continuous welded mild steel tube material conforming to IS 1387 / 1993 & manufactured from hot rolled steel sketp / stripes in random length of 4 to 7 mts both ends threaded conforming to IS 554 / 1985, one end fixed with a socket and the other and with a plastic protection end (including of all taxes) SE PRED III NO 84	Rmtr
10	Providing and fixing in trenches galvanised / mild steel tubes (medium grade) 50mm dia nominal bore with all fittings (earth work in trenches to be measured and paid for separately) including cost of all materials, labour charges, HOM and testing complete as per specifications. Specification No KBS 13 2 14 / 13 6 (P No 92/ I No 13 15 KPWD SR 2018-19)	mtr
11	Providing 250mm dia PVC Pipe BWSSB SR 17-18 PNO 133 SL NO 1 11	mtr
12	Providing 175mm dia ms casing cap page no III it no 85 pred 12-13 sr	no
13	Supplying and drawing 3 core flat PVC sheathed submersible pump cable manufactured with electrolytic grade copper with flexible copper with low resistance conductor conforming to IS 8130-1984 and virgin grade PVC insulation and powder coating extruded PVC sheathed suitable for working voltage upto 1100Volts as per IS-694 1990 (P No 7/ I No (2 6 4) 3cx 6 0 Sqm KPWD Electrical SR 2019-20	Mtr
14	Atalanta Suguna CRI KIRLOSKER AND other equipment pumps 15 00 HP/11KW(30 Stage)(P No XLII I No 43)	Nos
15	Supplying, fixing, wiring, earth electrode for grounding conduits, I C cutouts and other equipment's on the meter board using 40mm dia 2 50mm thick GI pipe 2 5 mtr long buried in a pit The pit should be filled with equal proportion of salt and charcoal 150mm all round the pipe to complete depth. The connection from the pipe to the conduit etc is to be established through GI wire of size as per ISI specification 7 3 3 of IS 732 using 12mm dia bolts, nuts, washers and check nuts etc the pipe shall have 16 through holes of 12 mm dia (P No 40, I No 6 1) KPWD Electrical SR 2019-20	NO
16	Supplying and fixing 20'x20'x2 5'polished wood board made up not less than 15mm thick plank with front plank one end providing for oiding at other end fixing the same to the wall using tapered bolts and nuts. (P No 24 No 5 6 6 KPWD Electrical SR 2019-20)	Each
17	Supplying of 1 1 KV L T UG cable having aluminium condutor PVC insulated shethed, EXTREDED INNER SHEATHRD galvinsed steel strip (2CX 10Sqm mm wire (armoured) conforming IS 3975 1990(no of strip indicated i GTP) AND extruded PVC outer sheathing armoured cable IS 1554 part 1 1998 and conforming to GTP of group A 4 Core 10Sqmm P No 40/ I No 6 4 4 (4 core 16 Somm) KPWD Electrical SR 2019-20	Mtr
18	Labour charges for laying of 1 1 K V class UG cable, in existing trench GI Pipe / stoneware pipe /on wall/on poles as required In existing trench/duct 6 Sqmm to 10 Sqmm(P No 41 / I No 5 5 1 KPWD Electrical SR 2019-20	Mtr
19	Supplying and fixing of procelin fuse channel with e on existing wooden / panel using necessary nuts, bolts and washers , 63 Amps (P No 44 / I No 5 7 3 KPWD Electrical SR 2019-20)	Each
20	Providing and fixing in position 50mm nominal bore non-return valve horizontal type of approved make including cost of all materials, labour and HOM of equipments with all leads complete as per specifications (Page No 95 Item No 13 62 / PWD SR 2018-19)	Nos
21	Supplying and fixing miniature circuit breakers on existing MCB Distribution boards using necessary fixing materials and 'C' Type curve, indicator ON/OFF, Energy gross 3 with short circuit breaking capacity of 10K And Completed wiring conforming to IEC 60898 50-63 Amps TPN (P No 27 I No 5 17 9) KPWD Electrical SR 2019-20	Nos
22	Cutting of road surface for pipeline trenches and disposing of the excavated stuff as directed including barricading, danger lighting etc in the Asphalt surface road including cost of materials, labour, HOM complete as per specifications (P No 269/ I No 37 38 PWD SR 2018-19)	Cum
23	KSRR 2 2 Earthwork excavation by manual means for foundation of buildings, water supply and sanitary lines and electrical conduits etc,either in pits or in trenches 1 5m and above in width, in soil not exceeding 1 5 m. in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50 m. including breaking of clods complete as per specifications	Cum
24	Supplying PVC ring tight pipes conformin to IS 4985 2000 With latest amendments and conveying to work site rolling and lowering into trenches laying true line level and prefect faking at joints testing and commissioning incuding loading and un loading at both destinations and cuts of pipes wherever necessary including joints of PVC pipes and specificals (excluding cost of pipes)with jointing of approved type with all labour with all lead and lift incuding encasing the pipe around to adepth of not less then 15cms with soft gravel or sotected earth availble from the excavation etc completed and giving necessary hydralic test to the required pressure as per IS (Contractor will make his own arrangement for procuring water for testing)(P No 133 I No 1 4 BWSSB SR 2018-19) 63mm outer dia, 6kg/sqcm & class 5	Mtr
25	Refilling available earth around pipe lines, cables in layers not exceeding 20cms in depth, compacting each deposited layer by ramming after watering with lead upto 50m and lift upto 1 5 m. includingcost of all labour complete as per specifications (P No 7 1/ I No (2 11) KPWD SR 2018-19	Cum
26	KSRBB M400 1) Providing, laying, spreading and compacting cushed stone aggregates of granite / trap / basalt to wet mix macadam specifications including pre mixing the material with water at OMC in mechanical mix plant carriage of mixed materials by tipper to site, laying in uniform layers with paver in sub-base/base course on well prepared surface and compacting with vibratory roller to Achieve the desired dent by complete as per specifications	Cum
27	Supplying fully automatic star-delta starter unit push button type with suitable wires, 3 contactors, one adjustable thermal timer mounted on a common base plate held in steel enclosure for use on 400/440 volts 3 phase and wired after fixing to the existing wooden board for motor Above 12 5 HP upto 25 HP	Nos

Certificates:

The above work is done satisfactorily and complete in all respect.

There is no department Material issue for the above work.

This works comes under BBMP Limit.

Measurment		Present Measurement			Total up-to date		Remark
	cost	Qty	Rate	Cost	Qty	cost	
-	-	1	3542.00	3542.0	1	3542.0	
-	-	50	326.00	16300.0	50	16300.0	
-	-	50	415.00	20750.0	50	20750.0	
-	-	50	428.00	21400.0	50	21400.0	
-	-	50	503.00	25150.0	50	25150.0	
-	-	50	595.00	29750.0	50	29750.0	
-	-	50	658.00	32900.0	50	32900.0	
-	-	49.80	776.00	38644.8	49.80	38644.8	
-	-	60	1246.00	74760.0	60	74760.0	
-	-	318	387.00	123066.0	318	123066.0	
-	-	12	1271.00	15252.0	12	15252.0	
-	-	1	94.00	94.0	1	94.0	
-	-	650	192.00	124800.0	650	124800.0	
-	-	1	59688.00	59688.0	1	59688.0	
-	-	1	2819.00	2819.0	1	2819.0	
-	-	1	275.00	275.0	1	275.0	
-	-	30	141.00	4230.0	30	4230.0	
-	-	25	12.00	300.0	25	300.0	
-	-	1	214.00	214.0	1	214.0	
-	-	1	1265.00	1265.0	1	1265.0	
-	-	1	2253.00	2253.0	1	2253.0	
-	-	33.66	448.00	15079.7	33.66	15079.7	
-	-	157.08	298.00	46809.8	157.08	46809.8	
-	-	374	115.00	43010.0	374	43010.0	
-	-	157.08	121.00	19006.7	157.08	19006.7	
-	-	51.61	1881.00	97082.2	51.61	97082.2	
-	-	1	7520.00	7520.0	1	7520.0	
		Sub Total		825957		825957	
		GST 12%		99115		99115	
		Total		925072		925072	

AE-02

Asst. Executive Engineer
Yelahanka Sub-Division
(BBMP Ynk. Zn)
Yelahanka, Bangalore